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- PN - JP11280078 A 19991028
- TI - YEAST HAVING LIPASE ON CELL SURFACE AND ITS UTILIZATION
- AB - PROBLEM TO BE SOLVED: To obtain a new DNA which has a secretion signal sequence, a lipase structure gene sequence, a sequence coding for a part of a cell surface localized protein, and a GPI anchor adhesion signal sequence, in this order, and can express lipase on the cell surface.
- SOLUTION: This DNA has a secretion signal sequence, a lipase structure gene sequence, a sequence coding for a part of a cell surface localized protein, and a GPI anchor adhesion signal sequence, in this order, can express lipase on the cell surface, and is useful, for example, for creating a yeast having lipase on its surface, which the yeast is suitable for hydrolyzing lipid, especially for producing 'bio-diesel oil' from waste oil by introducing into a yeast. This DNA is obtained by linking a secretion signal sequence, a lipase structural gene sequence from *Fusarium heterosporum*, a sequence coding for a part of a cell surface localized protein consisting of a yeast  $\alpha$ -agglutinin sequence, and an anchor adhesion signal sequence, in this order.
- I - C12N15/09 ;C12N1/19 ;C12N9/18 ;C12N11/08 ;C12P7/82
- C - C12N15/09 C12R1/885
- C12N9/18 C12R1/77
- C12N11/08 C12R1/865
- C12P7/82 C12R1/865
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